

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| | | 428/55.ccls. and | US-PGPUB; USPAT | OR | ON | 2006/03/27 16:39 |
| | | (water near2 jet) same (fluid near2 stop\$6) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/02/17 17:03 |
| | | "251"/\$.ccls. and ((fluid or water) same (cut\$6 or slit\$6 or perforat\$6)) same block#5 | US-PGPUB; USPAT | OR | ON | 2005/02/16 16:09 |
| | | 83/53.ccls. and (fluid or water) same pressure same (cut\$6 or slit\$6 or perforat\$6) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/02/16 14:25 |
| | | (fiber near1 glass) same (fluid near3 pressure)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/27 15:52 |
| L1 | 479 | 156/275.5.ccls. and (water or fluid) | US-PGPUB; USPAT | OR | ON | 2006/03/28 10:15 |
| L2 | 68 | 156/512.ccls. and (water or fluid) | US-PGPUB; USPAT | OR | ON | 2006/03/28 10:17 |
| L3 | 284 | 156/259.ccls. | US-PGPUB; USPAT | OR | ON | 2006/03/28 10:29 |
| L4 | 889 | 156/264.ccls. | US-PGPUB; USPAT | OR | ON | 2006/03/28 10:46 |
| L5 | 663 | 156/268.ccls. | US-PGPUB; USPAT | OR | ON | 2006/03/28 10:46 |
| L6 | 196 | 156/268.ccls. and (water or fluid) | US-PGPUB; USPAT | OR | ON | 2006/03/28 10:50 |
| L7 | 212 | 156/257.ccls. and (water or fluid) | US-PGPUB; USPAT | OR | ON | 2006/03/28 10:55 |
| L8 | 128 | 156/270.ccls. and (water or fluid) | US-PGPUB; USPAT | OR | ON | 2006/03/28 10:58 |
| L9 | 89 | 156/271.ccls. and (water or fluid) | US-PGPUB; USPAT | OR | ON | 2006/03/28 11:00 |
| L10 | 139 | 156/512-513.ccls. and (water or fluid) | US-PGPUB; USPAT | OR | ON | 2006/03/28 11:04 |
| L11 | 16 | 156/546.ccls. and (water or fluid) | US-PGPUB; USPAT | OR | ON | 2006/03/28 11:05 |
| L12 | 253 | 156/307.1.ccls. and (water or fluid) | US-PGPUB; USPAT | OR | ON | 2006/03/28 11:08 |

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|-----|-----|---|---|----|----|------------------|
| L13 | 395 | 156/307.3.ccls. and (water or fluid) | US-PGPUB; USPAT | OR | ON | 2006/03/28 11:08 |
| S1 | 31 | ("1238356" "4342610" "4700521" "4772499" "5350663" "5765318" "5981037" "6083594" "6165305" "6383594" "6399694" "6484463").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/02/16 13:34 |
| S2 | 164 | (fiber near1 glass) same (water near1 jet) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/02/16 13:41 |
| S3 | 773 | (fiber near1 glass) same (fluid near3 pressure) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/02/16 13:42 |
| S4 | 48 | (fiber near1 glass) same (fluid near3 pressure) same cutting | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/02/16 13:42 |
| S5 | 7 | "4700521" | US-PGPUB; USPAT | OR | ON | 2005/02/16 14:02 |
| S6 | 25 | "4772499" | US-PGPUB; USPAT | OR | ON | 2005/02/16 14:03 |
| S7 | 2 | "5350663" | US-PGPUB; USPAT | OR | ON | 2005/02/16 14:04 |
| S8 | 14 | "5765318" | US-PGPUB; USPAT | OR | ON | 2005/02/16 14:04 |
| S9 | 1 | "5981037" | US-PGPUB; USPAT | OR | ON | 2005/02/16 14:05 |
| S10 | 19 | "6083594" | US-PGPUB; USPAT | OR | ON | 2005/02/16 14:07 |
| S11 | 12 | "6165305" | US-PGPUB; USPAT | OR | ON | 2005/02/16 14:07 |
| S12 | 6 | "6383594" | US-PGPUB; USPAT | OR | ON | 2005/02/16 14:08 |
| S13 | 4 | "6399694" | US-PGPUB; USPAT | OR | ON | 2005/02/16 14:08 |
| S14 | 4 | "6484463" | US-PGPUB; USPAT | OR | ON | 2005/02/16 14:08 |
| S15 | 114 | 83/53.ccls. and (fluid or water) same pressure same (cut\$6 or slit\$6 or perforat\$6) | US-PGPUB; USPAT | OR | ON | 2005/02/16 14:25 |

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|-----|-----|---|---|----|----|------------------|
| S16 | 126 | 83/53.ccls. and (fluid or water) same pressure same (cut\$6 or slit\$6 or perforat\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/02/16 14:41 |
| S17 | 182 | 83/177.ccls. and (fluid or water) same pressure same (cut\$6 or slit\$6 or perforat\$6) | US-PGPUB; USPAT | OR | ON | 2005/02/16 15:08 |
| S18 | 0 | 83/350.ccls. and (fluid or water) same pressure same (cut\$6 or slit\$6 or perforat\$6) | US-PGPUB; USPAT | OR | ON | 2005/02/16 15:10 |
| S19 | 0 | 83/350.ccls. and (fluid or water) same pressure | US-PGPUB; USPAT | OR | ON | 2005/02/16 15:08 |
| S20 | 5 | 83/350.ccls. and (fluid or water) | US-PGPUB; USPAT | OR | ON | 2005/02/16 15:08 |
| S21 | 3 | 83/355.ccls. and (fluid or water) same pressure same (cut\$6 or slit\$6 or perforat\$6) | US-PGPUB; USPAT | OR | ON | 2005/02/16 15:09 |
| S22 | 77 | 83/350.ccls. | US-PGPUB; USPAT | OR | ON | 2005/02/16 15:10 |
| S23 | 380 | 83/425.ccls. | US-PGPUB; USPAT | OR | ON | 2005/02/16 15:10 |
| S24 | 3 | 83/425.ccls. and (fluid or water) same pressure same (cut\$6 or slit\$6 or perforat\$6) | US-PGPUB; USPAT | OR | ON | 2005/02/16 15:11 |
| S25 | 11 | 83/425.2.ccls. and (fluid or water) same pressure same (cut\$6 or slit\$6 or perforat\$6) | US-PGPUB; USPAT | OR | ON | 2005/02/16 15:11 |
| S26 | 12 | 83/425.3.ccls. and (fluid or water) same pressure same (cut\$6 or slit\$6 or perforat\$6) | US-PGPUB; USPAT | OR | ON | 2005/02/16 15:12 |
| S27 | 2 | 83/678.ccls. and (fluid or water) same pressure same (cut\$6 or slit\$6 or perforat\$6) | US-PGPUB; USPAT | OR | ON | 2005/02/16 15:12 |
| S28 | 1 | 83/695.ccls. and (fluid or water) same pressure same (cut\$6 or slit\$6 or perforat\$6) | US-PGPUB; USPAT | OR | ON | 2005/02/16 15:13 |
| S29 | 32 | 428/43.ccls. and (fluid or water) same pressure same (cut\$6 or slit\$6 or perforat\$6) | US-PGPUB; USPAT | OR | ON | 2005/02/16 15:15 |
| S30 | 5 | 428/54.ccls. and (fluid or water) same pressure same (cut\$6 or slit\$6 or perforat\$6) | US-PGPUB; USPAT | OR | ON | 2005/02/16 15:15 |
| S31 | 1 | 428/55.ccls. and (fluid or water) same pressure same (cut\$6 or slit\$6 or perforat\$6) | US-PGPUB; USPAT | OR | ON | 2005/02/16 15:16 |

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|-----|-------|---|------------------------|----|----|------------------|
| S32 | 6 | 428/74.ccls. and (fluid or water) same pressure same (cut\$6 or slit\$6 or perforat\$6) | US-PGPUB; USPAT | OR | ON | 2005/02/16 15:16 |
| S33 | 6 | 52/98.ccls. and (fluid or water) same pressure same (cut\$6 or slit\$6 or perforat\$6) | US-PGPUB; USPAT | OR | ON | 2005/02/16 15:23 |
| S34 | 1 | 52/100.ccls. and (fluid or water) same pressure same (cut\$6 or slit\$6 or perforat\$6) | US-PGPUB; USPAT | OR | ON | 2005/02/16 15:17 |
| S35 | 0 | 156/62.5.ccls. and (fluid or water) same pressure same (cut\$6 or slit\$6 or perforat\$6) | US-PGPUB; USPAT | OR | ON | 2005/02/16 15:18 |
| S36 | 2 | 156/62.8.ccls. and (fluid or water) same pressure same (cut\$6 or slit\$6 or perforat\$6) | US-PGPUB; USPAT | OR | ON | 2005/02/16 15:22 |
| S37 | 3 | 251/129.09.ccls. and (fluid or water) same pressure same (cut\$6 or slit\$6 or perforat\$6) | US-PGPUB; USPAT | OR | ON | 2005/02/16 15:22 |
| S38 | 190 | 251/129.09.ccls. | US-PGPUB; USPAT | OR | ON | 2005/02/16 15:22 |
| S39 | 13 | 251/129.09.ccls. and (fluid or water) same block\$6 | US-PGPUB; USPAT | OR | ON | 2005/02/16 15:23 |
| S40 | 2119 | "428"/\$.ccls. and (fluid or water) same pressure same (cut\$6 or slit\$6 or perforat\$6) | US-PGPUB; USPAT | OR | ON | 2005/02/16 15:24 |
| S41 | 2119 | "428"/\$.ccls. and ((fluid or water) same pressure same (cut\$6 or slit\$6 or perforat\$6)) | US-PGPUB; USPAT | OR | ON | 2005/02/16 15:24 |
| S42 | 10634 | "428"/\$.ccls. and ((fluid or water) same (cut\$6 or slit\$6 or perforat\$6)) | US-PGPUB; USPAT | OR | ON | 2005/02/16 15:25 |
| S43 | 10634 | "428"/\$.ccls. and ((fluid or water) same (cut\$6 or slit\$6 or perforat\$6)) | US-PGPUB; USPAT | OR | ON | 2005/02/16 15:25 |
| S44 | 54 | "428"/\$.ccls. and ((fluid or water) same (cut\$6 or slit\$6 or perforat\$6)) same batt | US-PGPUB; USPAT | OR | ON | 2005/02/16 15:42 |
| S45 | 15 | ("2335968" "4397898" "4756945" "4866905" "5331787" "5545453" "5567504" "5765318" "6083594" "6128884" "6165305" "6383594" "6468615" "6484463").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/02/16 15:28 |
| S46 | 16 | ("3098262" "3239399" "3425882" "3764363" "3821012" "3850725" "3873406" "3885074" "3988488" "4028161" "4055693").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/02/16 15:34 |

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|-----|------|---|------------------------------|----|----|------------------|
| S47 | 0 | 3124819+ | US-PGPUB; USPAT; USOCR | OR | ON | 2005/02/16 15:34 |
| S48 | 4 | "3124819" | US-PGPUB; USPAT; USOCR | OR | ON | 2005/02/16 15:34 |
| S49 | 507 | "3485706" | US-PGPUB; USPAT; USOCR | OR | ON | 2005/02/16 15:36 |
| S50 | 85 | "3508308" | US-PGPUB; USPAT; USOCR | OR | ON | 2005/02/16 15:40 |
| S51 | 37 | "3620903" | US-PGPUB; USPAT; USOCR | OR | ON | 2005/02/16 15:40 |
| S52 | 4 | "52"/\$.ccls. and ((fluid or water) same (cut\$6 or slit\$6 or perforat\$6)) same batt | US-PGPUB; USPAT | OR | ON | 2005/02/16 15:42 |
| S53 | 2570 | "52"/\$.ccls. and ((fluid or water) same (cut\$6 or slit\$6 or perforat\$6)) | US-PGPUB; USPAT | OR | ON | 2005/02/16 15:43 |
| S54 | 913 | "52"/\$.ccls. and ((fluid or water) near8 (cut\$6 or slit\$6 or perforat\$6)) | US-PGPUB; USPAT | OR | ON | 2005/02/16 15:43 |
| S55 | 259 | "52"/\$.ccls. and ((fluid or water) same (cut\$6 or slit\$6 or perforat\$6)) same insulat\$5 | US-PGPUB; USPAT | OR | ON | 2005/02/16 15:55 |
| S56 | 190 | "156"/\$.ccls. and ((fluid or water) same (cut\$6 or slit\$6 or perforat\$6)) same insulat\$5 | US-PGPUB; USPAT | OR | ON | 2005/02/16 16:09 |
| S57 | 4434 | "156"/\$.ccls. and ((fluid or water) same (cut\$6 or slit\$6 or perforat\$6)) | US-PGPUB; USPAT | OR | ON | 2005/02/16 15:55 |
| S58 | 0 | "251"/\$.ccls. and ((fluid or water) same (cut\$6 or slit\$6 or perforat\$6)) same block5 | US-PGPUB; USPAT | OR | ON | 2005/02/16 16:09 |
| S59 | 277 | "251"/\$.ccls. and ((fluid or water) same (cut\$6 or slit\$6 or perforat\$6)) same block\$5 | US-PGPUB; USPAT | OR | ON | 2005/02/16 16:11 |
| S60 | 5 | "251"/\$.ccls. and ((fluid or water) same (cut\$6 or slit\$6 or perforat\$6)) same block\$5 same bar | US-PGPUB; USPAT | OR | ON | 2005/02/16 16:11 |
| S61 | 1 | "251"/\$.ccls. and ((fluid or water) same (cut\$6 or slit\$6 or perforat\$6)) same block\$5 same strip | US-PGPUB; USPAT | OR | ON | 2005/02/16 16:12 |

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|-----|-----|---|------------------------------|----|----|------------------|
| S62 | 482 | ((fluid or water) same (cut\$6 or slit\$6 or perforat\$6)) same block\$5 same (fiber or batt) | US-PGPUB; USPAT | OR | ON | 2005/02/16 16:12 |
| S63 | 20 | ("3724045" "3976237" "4300421" "4505412" "4527346" "4542842" "4620466" "4747329" "4904344" "4931140" "5003729" "5036737" "5042351" "5083487" "5382404" "5571381" "5699707" "5762759" "5794500" "6001219").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/02/16 16:44 |
| S64 | 2 | ("6327948").URPN. | USPAT | OR | ON | 2005/02/16 16:45 |
| S65 | 24 | ("2881503" "3978748" "4048885" "4140038" "4182170" "4216687" "4216906" "4246838" "4266112" "4435902" "4567796" "4686877" "4723387" "4827679" "4847954" "4916992" "5001951" "5083487" "5269211" "5339715" "5365816" "5571381" "5636558").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/02/16 16:46 |
| S66 | 2 | ("6098512").URPN. | USPAT | OR | ON | 2005/02/16 17:18 |
| S67 | 1 | (fiber near2 insulation) same (water near1 jet) same (cut\$5 or perforat\$5) | US-PGPUB; USPAT | OR | ON | 2005/02/16 17:20 |
| S68 | 1 | (fiber near2 insulation) same (water near1 jet) same (cut\$5 or perforat\$5 or intermitten\$5) | US-PGPUB; USPAT | OR | ON | 2005/02/16 17:21 |
| S69 | 450 | (fiber) same (water near1 jet) same (cut\$5 or perforat\$5 or intermitten\$5) | US-PGPUB; USPAT | OR | ON | 2005/02/16 17:22 |
| S70 | 2 | (fiber) same (water near1 jet) same (cut\$5 or perforat\$5) same intermitten\$5 | US-PGPUB; USPAT | OR | ON | 2005/02/16 17:28 |
| S71 | 35 | (water near1 jet) same (cut\$5 or perforat\$5) same intermitten\$5 | US-PGPUB; USPAT | OR | ON | 2005/02/16 17:25 |
| S72 | 137 | "225"/\$.ccls. and (water or fluid) same pressure | US-PGPUB; USPAT | OR | ON | 2005/02/16 17:26 |
| S73 | 20 | "225"/\$.ccls. and (water near2 jet) | US-PGPUB; USPAT | OR | ON | 2005/02/16 17:27 |
| S74 | 443 | (fiber) same (water near1 jet) same (cut\$5 or perforat\$5) | US-PGPUB; USPAT | OR | ON | 2005/02/16 19:28 |
| S75 | 339 | "83"/\$.ccls. and (water near1 jet) same (cut\$5 or perforat\$5) | US-PGPUB; USPAT | OR | ON | 2005/02/16 20:00 |
| S76 | 631 | (water near1 jet) same ((pre near2 cut\$5) or (pre near2 weaken\$5) or perforat\$5) | US-PGPUB; USPAT | OR | ON | 2005/02/16 20:01 |

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|-----|-----|---|---|----|----|------------------|
| S77 | 0 | (fiber near1 glass) same (fluid near3 pressure) same ((pre near1 cut\$6) or (pre near1 weak\$8)) | US-PGPUB; USPAT | OR | ON | 2005/02/17 09:46 |
| S78 | 1 | (fiber or batt or insulation) same (fluid near3 pressure) same ((pre near1 cut\$6) or (pre near1 weak\$8)) | US-PGPUB; USPAT | OR | ON | 2005/02/17 09:46 |
| S79 | 18 | (fiber or batt or insulation) same (water near3 jet) same ((pre near1 cut\$6) or (pre near1 weak\$8)) | US-PGPUB; USPAT | OR | ON | 2005/02/17 09:47 |
| S80 | 131 | (fiber or batt or insulation) same (water near3 jet) same ((pre near1 cut\$6) or (pre near1 weak\$8) or perforat\$6) | US-PGPUB; USPAT | OR | ON | 2005/02/17 09:48 |
| S81 | 113 | S80 not S79 | US-PGPUB; USPAT | OR | ON | 2005/02/17 09:56 |
| S82 | 31 | ("1238356" "4342610" "4700521" "4772499" "5350663" "5765318" "5981037" "6083594" "6165305" "6383594" "6399694" "6484463").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/02/17 09:59 |
| S83 | 12 | ("2860768" "3624161" "3819039" "4032689" "4035538" "4426818" "4756945" "5765318" "6185895" "6378258" "6383594").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/02/17 10:00 |
| S84 | 3 | ("6484463").URPN. | USPAT | OR | ON | 2005/02/17 10:01 |
| S85 | 5 | ("4648920" "5318990" "5340868" "5623032" "5661213").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/02/17 10:02 |
| S86 | 1 | ("6399694").URPN. | USPAT | OR | ON | 2005/02/17 10:02 |
| S87 | 10 | ("2335968" "4756945" "4866905" "5331787" "5545453" "5567504" "6083594" "6128884" "6165305").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/02/17 10:02 |
| S88 | 5 | ("6383594").URPN. | USPAT | OR | ON | 2005/02/17 10:03 |
| S89 | 6 | ("2335968" "4756945" "4866905" "5331787" "5567504").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/02/17 10:03 |
| S90 | 7 | ("6165305").URPN. | USPAT | OR | ON | 2005/02/17 10:04 |
| S91 | 7 | ("6165305").URPN. | USPAT | OR | ON | 2005/02/17 10:04 |
| S92 | 6 | ("2335968" "4756945" "4866905" "5331787" "5567504").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/02/17 10:04 |
| S93 | 9 | ("6083594").URPN. | USPAT | OR | ON | 2005/02/17 10:05 |

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|----------|------|---|------------------------------|----|----|------------------|
| S94 | 15 | ("3567162" "3900632" "4238257" "4242409" "4726985" "4956218" "5106447" "5108821" "5277955" "5362539" "5421133" "5486401" "5545279" "5733624" "5746854").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/02/17 10:05 |
| S95 | 0 | ("5981037").URPN. | USPAT | OR | ON | 2005/02/17 10:06 |
| S96 | 12 | ("1238356" "3488248" "3812002" "4627995" "4866905" "5099629" "5277955" "5545453" "5547725").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/02/17 10:06 |
| S97 | 13 | ("5765318").URPN. | USPAT | OR | ON | 2005/02/17 10:07 |
| S98 | 13 | ("5765318").URPN. | USPAT | OR | ON | 2005/02/17 10:08 |
| S99 | 10 | ("3093502" "4084033" "4245630" "4259390" "4303724" "4379192" "4427726" "4601938" "4630603").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/02/17 10:08 |
| S10 0 | 23 | ("4772499").URPN. | USPAT | OR | ON | 2005/02/17 10:09 |
| S10 1 | 23 | ("4772499").URPN. | USPAT | OR | ON | 2005/02/17 10:10 |
| S10 2 | 5 | ("1238356").URPN. | USPAT | OR | ON | 2005/02/17 10:12 |
| S10 3 | 1 | fiberglass same heat same extant same cur\$6 | US-PGPUB; USPAT | OR | ON | 2005/02/17 10:14 |
| S10 4 | 1296 | fiberglass same heat same cur\$6 | US-PGPUB; USPAT | OR | ON | 2005/02/17 11:22 |
| S10 5 | 0 | fiberglass same heat same cur\$6 same (pre near1 cut) | US-PGPUB; USPAT | OR | ON | 2005/02/17 10:14 |
| S10 6 | 125 | 83/22.ccls. | US-PGPUB; USPAT | OR | ON | 2005/02/17 13:02 |
| S10 7 | 1 | "6752373" | US-PGPUB; USPAT | OR | ON | 2005/02/17 14:16 |
| S10 8 | 19 | ("2963821" "3212378" "3252249" "3724479" "4470547" "4532949" "4603835" "4693153" "4920841" "5259416" "5685482" "5927320" "5931178" "6161539" "6179228" "6565011").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/02/17 14:17 |
| S10 9 | 18 | "4693153" | US-PGPUB; USPAT; USOCR | OR | ON | 2005/02/17 14:19 |
| S11 0 | 6 | "5931178" | US-PGPUB; USPAT; USOCR | OR | ON | 2005/02/17 14:20 |

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|----------|------|--|------------------------------|----|----|------------------|
| S11 1 | 3 | "5927320" | US-PGPUB; USPAT; USOCR | OR | ON | 2005/02/17 14:26 |
| S11 2 | 0 | "10670886" | US-PGPUB; USPAT; USOCR | OR | ON | 2005/02/17 14:26 |
| S11 3 | 0 | "10/670886" | US-PGPUB; USPAT; USOCR | OR | ON | 2005/02/17 14:26 |
| S11 4 | 0 | "10/670,886" | US-PGPUB; USPAT; USOCR | OR | ON | 2005/02/17 14:26 |
| S11 5 | 328 | 83/22 | US-PGPUB; USPAT | OR | ON | 2005/02/17 14:28 |
| S11 6 | 4 | (water near2 jet) same (fluid near2 stop\$6) | US-PGPUB; USPAT | OR | ON | 2005/02/17 17:04 |
| S11 7 | 43 | (water near2 jet) same (bar same stop\$6) | US-PGPUB; USPAT | OR | ON | 2005/02/17 17:06 |
| S11 8 | 43 | (water near2 jet) same (rod same stop\$6) | US-PGPUB; USPAT | OR | ON | 2005/02/17 17:06 |
| S11 9 | 230 | 83/53.ccls. | US-PGPUB; USPAT | OR | ON | 2005/08/02 10:37 |
| S12 0 | 341 | 83/177.ccls. | US-PGPUB; USPAT | OR | ON | 2005/08/02 10:38 |
| S12 1 | 77 | 83/350.ccls. | US-PGPUB; USPAT | OR | ON | 2005/08/02 10:39 |
| S12 2 | 382 | 83/355.ccls. | US-PGPUB; USPAT | OR | ON | 2005/08/02 10:40 |
| S12 3 | 381 | 83/425.ccls. | US-PGPUB; USPAT | OR | ON | 2005/08/02 10:41 |
| S12 4 | 303 | 83/425.2.ccls. | US-PGPUB; USPAT | OR | ON | 2005/08/02 10:42 |
| S12 5 | 509 | 83/425.3.ccls. | US-PGPUB; USPAT | OR | ON | 2005/08/02 10:43 |
| S12 6 | 222 | 83/678.ccls. | US-PGPUB; USPAT | OR | ON | 2005/08/02 10:45 |
| S12 7 | 136 | 83/695.ccls. | US-PGPUB; USPAT | OR | ON | 2005/08/02 10:46 |
| S12 8 | 1460 | 428/43.ccls. | US-PGPUB; USPAT | OR | ON | 2005/08/02 10:50 |
| S12 9 | 219 | 428/54.ccls. | US-PGPUB; USPAT | OR | ON | 2005/08/02 10:58 |
| S13 0 | 118 | 428/55.ccls. | US-PGPUB; USPAT | OR | ON | 2005/08/02 10:59 |

EAST Search History

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|----------|-----|--|------------------------------|----|----|------------------|
| S13 1 | 486 | 428/74.ccls. | US-PGPUB; USPAT | OR | ON | 2005/08/02 11:00 |
| S13 2 | 673 | 52/98.ccls. | US-PGPUB; USPAT | OR | ON | 2005/08/02 11:01 |
| S13 3 | 242 | 52/100.ccls. | US-PGPUB; USPAT | OR | ON | 2005/08/02 11:03 |
| S13 4 | 258 | 156/62.8.ccls. | US-PGPUB; USPAT | OR | ON | 2005/08/02 11:04 |
| S13 5 | 192 | 251/129.09.ccls. | US-PGPUB; USPAT | OR | ON | 2005/08/02 11:05 |
| S13 6 | 483 | 28/167.ccls. | US-PGPUB; USPAT | OR | ON | 2005/08/02 11:06 |
| S13 7 | 130 | 83/22.ccls. | US-PGPUB; USPAT | OR | ON | 2005/08/02 11:15 |
| S13 8 | 1 | 10/670886 | US-PGPUB; USPAT | OR | ON | 2005/08/02 11:15 |
| S13 9 | 737 | 428/43.ccls. and (oven or heat or cur\$4) | US-PGPUB; USPAT | OR | ON | 2005/08/30 17:17 |
| S14 0 | 829 | 428/43.ccls. and (oven or heat or cur\$4 or polymer\$5) | US-PGPUB; USPAT | OR | ON | 2005/08/30 17:25 |
| S14 1 | 15 | 428/43.ccls. and (oven or heat or cur\$4 or polymer\$5) same batt\$4 | US-PGPUB; USPAT | OR | ON | 2005/08/30 17:25 |
| S14 2 | 15 | ("2681702" "3166456" "3235432" "3255648" "3255649" "3615964" "3652377" "3978752" "3978753" "4196034").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/30 17:37 |
| S14 3 | 6 | ("4342610").URPN. | USPAT | OR | ON | 2005/08/30 17:38 |
| S14 4 | 277 | 156/259.ccls. | US-PGPUB; USPAT | OR | ON | 2005/08/31 14:52 |
| S14 5 | 70 | 156/259.ccls. and water | US-PGPUB; USPAT | OR | ON | 2005/08/31 14:53 |
| S14 6 | 13 | 156/259.ccls. and batt | US-PGPUB; USPAT | OR | ON | 2005/08/31 14:53 |
| S14 7 | 86 | 156/259.ccls. and (water or fluid) | US-PGPUB; USPAT | OR | ON | 2005/08/31 14:56 |
| S14 8 | 25 | 156/259.ccls. and ((water or fluid) same (oven or heat or cur\$4)) | US-PGPUB; USPAT | OR | ON | 2005/08/31 14:58 |
| S14 9 | 75 | 156/264.ccls. and ((water or fluid) same (oven or heat or cur\$4)) | US-PGPUB; USPAT | OR | ON | 2005/08/31 15:01 |
| S15 0 | 55 | 156/268.ccls. and ((water or fluid) same (oven or heat or cur\$4)) | US-PGPUB; USPAT | OR | ON | 2005/08/31 15:02 |
| S15 1 | 69 | 156/268.ccls. and (((water or fluid) neare jet) same (oven or heat or cur\$4)) | US-PGPUB; USPAT | OR | ON | 2005/08/31 15:02 |

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| S15 2 | 4 | 156/268.ccls. and (((water or fluid) near3 jet) same (oven or heat or cur\$4)) | US-PGPUB; USPAT | OR | ON | 2005/08/31 15:02 |
| S15 3 | 16 | 156/268.ccls. and (((water or fluid) near3 jet) and (oven or heat or cur\$4)) | US-PGPUB; USPAT | OR | ON | 2005/08/31 15:03 |
| S15 4 | 17 | 156/257.ccls. and (((water or fluid) near3 jet) and (oven or heat or cur\$4)) | US-PGPUB; USPAT | OR | ON | 2005/08/31 15:04 |
| S15 5 | 7 | 156/270.ccls. and (((water or fluid) near3 jet) and (oven or heat or cur\$4)) | US-PGPUB; USPAT | OR | ON | 2005/08/31 15:06 |
| S15 6 | 29 | ("1238356" "3070475" "3230995" "3493452" "3546846" "3955031" "4342610" "4362585" "4552793" "4700521" "4772499" "5240527" "5350663" "5765318" "5900298" "5981037" "6083594" "6165305" "6191057" "6357504" "6383594" "6399694" "6484463" "6670011").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/31 15:05 |
| S15 7 | 17 | 156/271.ccls. and (((water or fluid) near3 jet) and (oven or heat or cur\$4)) | US-PGPUB; USPAT | OR | ON | 2005/08/31 15:06 |
| S15 8 | 10 | 156/512-513.ccls. and (((water or fluid) near3 jet) and (oven or heat or cur\$4)) | US-PGPUB; USPAT | OR | ON | 2005/08/31 15:07 |
| S15 9 | 428808 | "156"/(512-513).ccls. and (((water or fluid) near3 jet) and (oven or heat or cur\$4)) | US-PGPUB; USPAT | OR | ON | 2005/08/31 15:07 |
| S16 0 | 5 | 156/512.ccls. and (((water or fluid) near3 jet) and (oven or heat or cur\$4)) | US-PGPUB; USPAT | OR | ON | 2005/08/31 15:07 |
| S16 1 | 6 | 156/513.ccls. and (((water or fluid) near3 jet) and (oven or heat or cur\$4)) | US-PGPUB; USPAT | OR | ON | 2005/08/31 15:08 |
| S16 2 | 1 | 156/546.ccls. and (((water or fluid) near3 jet) and (oven or heat or cur\$4)) | US-PGPUB; USPAT | OR | ON | 2005/08/31 15:08 |
| S16 3 | 4 | 156/304.6.ccls. and (((water or fluid) near3 jet) and (oven or heat or cur\$4)) | US-PGPUB; USPAT | OR | ON | 2005/08/31 15:09 |
| S16 4 | 4 | 156/307.1.ccls. and (((water or fluid) near3 jet) and (oven or heat or cur\$4)) | US-PGPUB; USPAT | OR | ON | 2005/08/31 15:09 |

EAST Search History

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| S16 5 | 0 | 156/307.2.ccls. and (((water or fluid) near3 jet) and (oven or heat or cur\$4)) | US-PGPUB; USPAT | OR | ON | 2005/08/31 15:09 |
| S16 6 | 11 | 156/307.3.ccls. and (((water or fluid) near3 jet) and (oven or heat or cur\$4)) | US-PGPUB; USPAT | OR | ON | 2005/08/31 15:10 |
| S16 7 | 5 | 52/98.ccls. and (((water or fluid) near3 jet) and (oven or heat or cur\$4)) | US-PGPUB; USPAT | OR | ON | 2005/08/31 15:11 |
| S16 8 | 9 | 442/180.ccls. and (((water or fluid) near3 jet) and (oven or heat or cur\$4)) | US-PGPUB; USPAT | OR | ON | 2005/08/31 15:11 |
| S16 9 | 23 | 156/259.ccls. and (heat same (polymeriz\$5 or cur\$5)) | US-PGPUB; USPAT | OR | ON | 2005/11/21 10:37 |
| S17 0 | 100 | 156/264.ccls. and (heat same (polymeriz\$5 or cur\$5)) | US-PGPUB; USPAT | OR | ON | 2005/11/21 10:40 |
| S17 1 | 57 | 156/268.ccls. and (heat same (polymeriz\$5 or cur\$5)) | US-PGPUB; USPAT | OR | ON | 2005/11/21 10:44 |
| S17 2 | 84 | 156/257.ccls. and (heat same (polymeriz\$5 or cur\$5)) | US-PGPUB; USPAT | OR | ON | 2005/11/21 10:49 |
| S17 3 | 22 | 156/270.ccls. and (heat same (polymeriz\$5 or cur\$5)) | US-PGPUB; USPAT | OR | ON | 2005/11/21 10:49 |
| S17 4 | 46 | 156/270-271.ccls. and (heat same (polymeriz\$5 or cur\$5)) | US-PGPUB; USPAT | OR | ON | 2005/11/21 10:52 |
| S17 5 | 42 | 156/512-513.ccls. and (heat same (polymeriz\$5 or cur\$5)) | US-PGPUB; USPAT | OR | ON | 2005/11/21 10:53 |
| S17 6 | 7 | 156/546.ccls. and (heat same (polymeriz\$5 or cur\$5)) | US-PGPUB; USPAT | OR | ON | 2005/11/21 10:54 |
| S17 7 | 49 | 156/304.1.ccls. and (heat same (polymeriz\$5 or cur\$5)) | US-PGPUB; USPAT | OR | ON | 2005/11/21 10:54 |
| S17 8 | 113 | 156/304.6.ccls. and (heat same (polymeriz\$5 or cur\$5)) | US-PGPUB; USPAT | OR | ON | 2005/11/21 10:57 |
| S17 9 | 213 | 156/307.1.ccls. and (heat same (polymeriz\$5 or cur\$5)) | US-PGPUB; USPAT | OR | ON | 2005/11/21 11:18 |
| S18 0 | 304 | 156/307.3.ccls. and (heat same (polymeriz\$5 or cur\$5)) | US-PGPUB; USPAT | OR | ON | 2005/11/21 11:23 |
| S18 1 | 0 | 83/83.ccls. and (heat same (polymeriz\$5 or cur\$5)) | US-PGPUB; USPAT | OR | ON | 2005/11/21 11:23 |
| S18 2 | 231 | 83/53.ccls. | US-PGPUB; USPAT | OR | ON | 2005/11/21 11:26 |
| S18 3 | 348 | 83/177.ccls. | US-PGPUB; USPAT | OR | ON | 2005/11/21 11:44 |
| S18 4 | 77 | 83/350.ccls. | US-PGPUB; USPAT | OR | ON | 2005/11/21 11:45 |

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| S18 5 | 382 | 83/355.ccls. | US-PGPUB; USPAT | OR | ON | 2005/11/21 11:46 |
| S18 6 | 382 | 83/425.ccls. | US-PGPUB; USPAT | OR | ON | 2005/11/21 11:46 |
| S18 7 | 806 | 83/425.2-425.3.ccls. | US-PGPUB; USPAT | OR | ON | 2005/11/21 11:48 |
| S18 8 | 223 | 83/678.ccls. | US-PGPUB; USPAT | OR | ON | 2005/11/21 11:49 |
| S18 9 | 137 | 83/695.ccls. | US-PGPUB; USPAT | OR | ON | 2005/11/21 11:50 |
| S19 0 | 131 | 83/22.ccls. | US-PGPUB; USPAT | OR | ON | 2005/11/21 11:51 |
| S19 1 | 1489 | 428/43.ccls. | US-PGPUB; USPAT | OR | ON | 2005/11/21 11:56 |
| S19 2 | 680 | 428/43.ccls. and (polymer\$6 or cur\$5) | US-PGPUB; USPAT | OR | ON | 2005/11/21 12:56 |
| S19 3 | 94 | 428/54.ccls. and (polymer\$6 or cur\$5) | US-PGPUB; USPAT | OR | ON | 2005/11/21 12:57 |
| S19 4 | 56 | 428/55.ccls. and (polymer\$6 or cur\$5) | US-PGPUB; USPAT | OR | ON | 2005/11/21 12:59 |
| S19 5 | 287 | 428/74.ccls. and (polymer\$6 or cur\$5) | US-PGPUB; USPAT | OR | ON | 2005/11/21 13:01 |
| S19 6 | 209 | 52/98.ccls. and (polymer\$6 or cur\$5) | US-PGPUB; USPAT | OR | ON | 2005/11/21 13:02 |
| S19 7 | 0 | 52/9100.ccls. and (polymer\$6 or cur\$5) | US-PGPUB; USPAT | OR | ON | 2005/11/21 13:02 |
| S19 8 | 80 | 52/100.ccls. and (polymer\$6 or cur\$5) | US-PGPUB; USPAT | OR | ON | 2005/11/21 13:04 |
| S19 9 | 0 | 251/129.09ccls. and (polymer\$6 or cur\$5) | US-PGPUB; USPAT | OR | ON | 2005/11/21 13:04 |
| S20 0 | 70 | 251/129.09.ccls. and (polymer\$6 or cur\$5) | US-PGPUB; USPAT | OR | ON | 2005/11/21 13:04 |
| S20 1 | 195 | 251/129.09.ccls. | US-PGPUB; USPAT | OR | ON | 2005/11/21 13:05 |
| S20 2 | 484 | 28/167.ccls. | US-PGPUB; USPAT | OR | ON | 2005/11/21 13:05 |
| S20 3 | 647 | "451"/\$.ccls. and (water near1 jet) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/27 15:52 |
| S20 4 | 509 | "451"/\$.ccls. and (water near1 jet) | US-PGPUB; USPAT | OR | ON | 2006/03/27 16:08 |
| S20 5 | 4 | 83/399-400.ccls. and (water) | US-PGPUB; USPAT | OR | ON | 2006/03/27 16:09 |

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| S20 6 | 141 | 83/53.ccls. and (water) | US-PGPUB; USPAT | OR | ON | 2006/03/27 16:23 |
| S20 7 | 221 | 83/177.ccls. and (water) | US-PGPUB; USPAT | OR | ON | 2006/03/27 16:29 |
| S20 8 | 78 | 83/350.ccls. | US-PGPUB; USPAT | OR | ON | 2006/03/27 16:30 |
| S20 9 | 5 | 83/350.ccls. and water | US-PGPUB; USPAT | OR | ON | 2006/03/27 16:30 |
| S21 0 | 10 | 83/355.ccls. and water | US-PGPUB; USPAT | OR | ON | 2006/03/27 16:31 |
| S21 1 | 14 | 83/425.ccls. and water | US-PGPUB; USPAT | OR | ON | 2006/03/27 16:32 |
| S21 2 | 19 | 83/425.2.ccls. and water | US-PGPUB; USPAT | OR | ON | 2006/03/27 16:32 |
| S21 3 | 25 | 83/425.3.ccls. and water | US-PGPUB; USPAT | OR | ON | 2006/03/27 16:33 |
| S21 4 | 17 | 83/678.ccls. and water | US-PGPUB; USPAT | OR | ON | 2006/03/27 16:33 |
| S21 5 | 20 | 83/678.ccls. and (water or fluid) | US-PGPUB; USPAT | OR | ON | 2006/03/27 16:35 |
| S21 6 | 8 | 83/695.ccls. and (water or fluid) | US-PGPUB; USPAT | OR | ON | 2006/03/27 16:35 |
| S21 7 | 435 | 428/43.ccls. and (water or fluid) | US-PGPUB; USPAT | OR | ON | 2006/03/27 16:38 |
| S21 8 | 33 | 428/43.ccls. and ((water or fluid) near1 (jet or stream)) | US-PGPUB; USPAT | OR | ON | 2006/03/27 16:47 |
| S21 9 | 7 | 428/54.ccls. and ((water or fluid) near1 (jet or stream)) | US-PGPUB; USPAT | OR | ON | 2006/03/27 16:39 |
| S22 0 | 0 | 428/55.ccls. and ((water or fluid) near1 (jet or stream)) | US-PGPUB; USPAT | OR | ON | 2006/03/27 16:39 |
| S22 1 | 120 | 428/55.ccls. | US-PGPUB; USPAT | OR | ON | 2006/03/27 16:42 |
| S22 2 | 496 | 428/74.ccls. | US-PGPUB; USPAT | OR | ON | 2006/03/27 16:46 |
| S22 3 | 533 | 428/58.ccls. | US-PGPUB; USPAT | OR | ON | 2006/03/27 16:46 |
| S22 4 | 210 | 428/58.ccls. and (water or fluid) | US-PGPUB; USPAT | OR | ON | 2006/03/27 16:52 |
| S22 5 | 133 | 52/98.ccls. and (water or fluid) | US-PGPUB; USPAT | OR | ON | 2006/03/27 17:02 |
| S22 6 | 62 | 52/309.3.ccls. and (water or fluid) | US-PGPUB; USPAT | OR | ON | 2006/03/27 17:03 |
| S22 7 | 107 | 156/62.8.ccls. and (water or fluid) | US-PGPUB; USPAT | OR | ON | 2006/03/27 17:07 |

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| S22 8 | 53 | 251/129.09.ccls. and (water or fluid) | US-PGPUB; USPAT | OR | ON | 2006/03/27 17:08 |
| S22 9 | 138 | 28/167.ccls. and (water or fluid) | US-PGPUB; USPAT | OR | ON | 2006/03/27 17:16 |
| S23 0 | 80 | 83/22.ccls. and (water or fluid) | US-PGPUB; USPAT | OR | ON | 2006/03/27 17:23 |
| S23 1 | 290 | 156/252.ccls. and (water or fluid) | US-PGPUB; USPAT | OR | ON | 2006/03/27 17:29 |
| S23 2 | 258 | 156/273.3.ccls. and (water or fluid) | US-PGPUB; USPAT | OR | ON | 2006/03/27 17:34 |
| S23 3 | 215 | 156/304.6.ccls. and (water or fluid) | US-PGPUB; USPAT | OR | ON | 2006/03/27 17:52 |